

## Author Index Volume 193

Acton, G.D., see Yang, Z.	193 (2001) 303
Allègre, C.J., see Vigier, N.	193 (2001) 549
Anbar, A.D., see Barling, J.	193 (2001) 447
Anderson, D.L., A statistical test of the two reservoir model for helium isotopes	193 (2001) 77
Andraut, D., Bolfan-Casanova, N. and Guignot, N., Equation of state of lower mantle (Al,Fe)-MgSiO <sub>3</sub> perovskite	193 (2001) 501
Angermann, D., see Klotz, J.	193 (2001) 437
Arnold, G.L., see Barling, J.	193 (2001) 447
Artyushkov, E.V. and Chekhovich, P.A., The East Siberian basin in the Silurian: evidence for no large-scale sea-level changes	193 (2001) 183
Asfirane, F., see Galdeano, A.	193 (2001) 25
Auzende, A.-L., see Guillot, S.	193 (2001) 115
Baker, E.T., see de Ronde, C.E.J.	193 (2001) 359
Barling, J., Arnold, G.L. and Anbar, A.D., Natural mass-dependent variations in the isotopic composition of molybdenum	193 (2001) 447
Becker, T.A., see Renne, P.R.	193 (2001) 539
Beer, J., see Wagner, G.	193 (2001) 515
Benoit, M., see Pelletier, B.	193 (2001) 347
Berthelin, M., see Fluteau, F.	193 (2001) 603
Besse, J., see Fluteau, F.	193 (2001) 603
Bhutani, R., see Pande, K.	193 (2001) 39
Billen, M.I. and Gurnis, M., A low viscosity wedge in subduction zones	193 (2001) 227
Blower, J.D., Mader, H.M. and Wilson, S.D.R., Coupling of viscous and diffusive controls on bubble growth during explosive volcanic eruptions	193 (2001) 47
Bohrmann, G., see Dählmann, A.	193 (2001) 381
Bolfan-Casanova, N., see Andraut, D.	193 (2001) 501
Botz, R., see Riedel, C.	193 (2001) 409
Bourdon, B., see Vigier, N.	193 (2001) 549
Bourgue, E. and Richet, P., The effects of dissolved CO <sub>2</sub> on the density and viscosity of silicate melts: a preliminary study	193 (2001) 57
Brack, P., Muttoni, G. and Rieber, H., Comment on: 'Magnetostatigraphy and biostratigraphy of the Middle Triassic Margon section (Southern Alps, Italy)' by P.R. Gialanella, F. Heller, P. Mietto, A. Incoronato, V. De Zanche, P. Gianolla, G. Roghi	193 (2001) 253
Brasier, M.D., see Jones, A.M.	193 (2001) 143
Broutin, J., see Fluteau, F.	193 (2001) 603
Buckingham, C.M., see Jones, A.M.	193 (2001) 143
Cabioch, G., see Pelletier, B.	193 (2001) 347
Calmant, S., see Pelletier, B.	193 (2001) 347
Cara, M., see Debayle, E.	193 (2001) 423
Cassen, P., see Porcelli, D.	193 (2001) 237
Chakraborty, S., see Goldstein, S.J.	193 (2001) 167
Chambers, L.M. and Pringle, M.S., Age and duration of activity at the Isle of Mull Tertiary igneous centre, Scotland, and confirmation of the existence of subchrons during Anomaly 26r	193 (2001) 333
Chekhovich, P.A., see Artyushkov, E.V.	193 (2001) 183

- Chiba, H., see Gamo, T. 193 (2001) 371
- Chin, C.S., see Dählmann, A. 193 (2001) 381
- Chin, C.S., see Klinkhammer, G.P. 193 (2001) 395
- Cifuentes, O., see Klotz, J. 193 (2001) 437
- Clement, B.M., see Yang, Z. 193 (2001) 303
- Collier, J.D. and Helffrich, G., Estimate of inner core rotation rate from United Kingdom regional seismic network data and consequences for inner core dynamical behaviour 193 (2001) 523
- Dählmann, A., see Klinkhammer, G.P. 193 (2001) 395
- Dählmann, A., Wallmann, K., Sahling, H., Sarthou, G., Bohrmann, G., Petersen, S., Chin, C.S. and Klinkhammer, G.P., Hot vents in an ice-cold ocean: Indications for phase separation at the southernmost area of hydrothermal activity, Bransfield Strait, Antarctica 193 (2001) 381
- Davies, G.R., see Hanyu, T. 193 (2001) 83
- de Ronde, C.E.J., Baker, E.T., Massoth, G.J., Lupton, J.E., Wright, I.C., Feely, R.A. and Greene, R.R., Intra-oceanic subduction-related hydrothermal venting, Kermadec volcanic arc, New Zealand 193 (2001) 359
- de Sigoyer, J., see Guillot, S. 193 (2001) 115
- Debaille, E., Lévêque, J.-J. and Cara, M., Seismic evidence for a deeply rooted low-velocity anomaly in the upper mantle beneath the northeastern Afro/Arabian continent 193 (2001) 423
- Dekkers, M.J., see van Oorschot, I.H.M. 193 (2001) 631
- DeLaeter, J.R., see Hidaka, H. 193 (2001) 459
- Desilets, D. and Zreda, M., On scaling cosmogenic nuclide production rates for altitude and latitude using cosmic-ray measurements 193 (2001) 213
- Duller, G.A.T., see Wallinga, J. 193 (2001) 617
- Dunai, T.J., Influence of secular variation of the geomagnetic field on production rates of in situ produced cosmogenic nuclides 193 (2001) 197
- Dunai, T.J., see Hanyu, T. 193 (2001) 83
- Elmaleh, A., Valet, J.-P. and Herrero-Bervera, E., A map of the Pacific geomagnetic anomaly during the Brunhes chron 193 (2001) 315
- Esat, T.M., see Yokoyama, Y. 193 (2001) 579
- Feely, R.A., see de Ronde, C.E.J. 193 (2001) 359
- Fei, Y., see Li, J. 193 (2001) 509
- Fluteau, F., Besse, J., Broutin, J. and Berthelin, M., Extension of Cathaysian flora during the Permian 193 (2001) 603
- Galdeano, A., Asfirane, F. and Nehlig, P., When was Arabia close to the pole? 193 (2001) 25
- Gallagher, K., see Petford, N. 193 (2001) 483
- Gamo, T., Chiba, H., Yamanaka, T., Okudaira, T., Hashimoto, J., Tsuchida, S., Ishibashi, J.-i., Kataoka, S., Tsunogai, U., Okamura, K., Sano, Y. and Shinjo, R., Chemical characteristics of newly discovered black smoker fluids and associated hydrothermal plumes at the Rodriguez Triple Junction, Central Indian Ridge 193 (2001) 371
- Garel, E., see Pelletier, B. 193 (2001) 347
- Glover, P.W.J., see Ogilvie, S.R. 193 (2001) 129
- Goldstein, S.J., Lea, D.W., Chakraborty, S., Kashgarian, M. and Murrell, M.T., Uranium-series and radio-carbon geochronology of deep-sea corals: implications for Southern Ocean ventilation rates and the oceanic carbon cycle 193 (2001) 167
- Greene, R.R., see de Ronde, C.E.J. 193 (2001) 359
- Grygar, T., see van Oorschot, I.H.M. 193 (2001) 631
- Guignot, N., see Andraut, D. 193 (2001) 501
- Guillot, S., Hattori, K.H., de Sigoyer, J., Nägler, T. and Auzende, A.-L., Evidence of hydration of the mantle wedge and its role in the exhumation of eclogites 193 (2001) 115
- Guivel, C., see Pelletier, B. 193 (2001) 347
- Gurnis, M., see Billen, M.I. 193 (2001) 227
- Haeckel, M., van Beusekom, J., Wiesner, M.G. and König, I., The impact of the 1991 Mount Pinatubo tephra fallout on the geochemical environment of the deep-sea sediments in the South China Sea 193 (2001) 151
- Halim, N., see Yokoyama, M. 193 (2001) 273

- Hall, B.L. and Henderson, G.M., Use of uranium–thorium dating to determine past  $^{14}\text{C}$  reservoir effects in lakes: examples from Antarctica 193 (2001) 565
- Hanyu, T., Dunai, T.J., Davies, G.R., Kaneoka, I., Nohda, S. and Uto, K., Noble gas study of the Reunion hotspot: evidence for distinct less-degassed mantle sources 193 (2001) 83
- Hashimoto, J., see Gamo, T. 193 (2001) 371
- Hattori, K.H., see Guillot, S. 193 (2001) 115
- Helffrich, G., see Collier, J.D. 193 (2001) 523
- Henderson, G.M., see Hall, B.L. 193 (2001) 565
- Herrero-Bervera, E., see Elmaleh, A. 193 (2001) 315
- Hidaka, H., Ohta, Y., Yoneda, S. and DeLaeter, J.R., Isotopic search for live  $^{135}\text{Cs}$  in the early solar system and possibility of  $^{135}\text{Cs}$ – $^{135}\text{Ba}$  chronometer 193 (2001) 459
- Hirose, K., see Li, J. 193 (2001) 509
- Horng, C.-S., see Jiang, W.-T. 193 (2001) 1
- Iacumin, P., see Jones, A.M. 193 (2001) 143
- Ishibashi, J.-i., see Gamo, T. 193 (2001) 371
- Jiang, W.-T., Horng, C.-S., Roberts, A.P. and Peacor, D.R., Contradictory magnetic polarities in sediments and variable timing of neoformation of authigenic greigite 193 (2001) 1
- Johnston, S.T., The Great Alaskan Terrane Wreck: reconciliation of paleomagnetic and geological data in the northern Cordillera 193 (2001) 259
- Jones, A.M., O'Connell, T.C., Young, E.D., Scott, K., Buckingham, C.M., Iacumin, P. and Brasier, M.D., Biogeochemical data from well preserved 200 ka collagen and skeletal remains 193 (2001) 143
- Kaneoka, I., see Hanyu, T. 193 (2001) 83
- Kashgarian, M., see Goldstein, S.J. 193 (2001) 167
- Kataoka, S., see Gamo, T. 193 (2001) 371
- Katzir, Y., see Putlitz, B. 193 (2001) 99
- Keller, R.A., see Klinkhammer, G.P. 193 (2001) 395
- Khazaradze, G., see Klotz, J. 193 (2001) 437
- Kissel, C., see Wagner, G. 193 (2001) 515
- Klinkhammer, G.P., see Dählmann, A. 193 (2001) 381
- Klinkhammer, G.P., Chin, C.S., Keller, R.A., Dählmann, A., Sahling, H., Sarthou, G., Petersen, S., Smith, F. and Wilson, C., Discovery of new hydrothermal vent sites in Bransfield Strait, Antarctica 193 (2001) 395
- Klotz, J., Khazaradze, G., Angermann, D., Reigber, C., Perdomo, R. and Cifuentes, O., Earthquake cycle dominates contemporary crustal deformation in Central and Southern Andes 193 (2001) 437
- König, I., see Haeckel, M. 193 (2001) 151
- Lagabriele, Y., see Pelletier, B. 193 (2001) 347
- Laj, C., see Wagner, G. 193 (2001) 515
- Lambeck, K., see Yokoyama, Y. 193 (2001) 579
- Lea, D.W., see Goldstein, S.J. 193 (2001) 167
- Lévêque, J.-J., see Debayle, E. 193 (2001) 423
- Li, J., Fei, Y., Mao, H.K., Hirose, K. and Shieh, S.R., Sulfur in the Earth's inner core 193 (2001) 509
- Liu, Y., see Yokoyama, M. 193 (2001) 273
- Lund, S.P., see Yang, Z. 193 (2001) 303
- Lupton, J.E., see de Ronde, C.E.J. 193 (2001) 359
- Mader, H.M., see Blower, J.D. 193 (2001) 47
- Maeda, M., see Ohtani, E. 193 (2001) 69
- Mao, H.K., see Li, J. 193 (2001) 509
- Masarik, J., see Wagner, G. 193 (2001) 515
- Massoth, G.J., see de Ronde, C.E.J. 193 (2001) 359
- Matthews, A., see Putlitz, B. 193 (2001) 99
- Montañez, I.P., see Renne, P.R. 193 (2001) 539
- Murray, A.S., see Wallinga, J. 193 (2001) 617
- Murrell, M.T., see Goldstein, S.J. 193 (2001) 167
- Muscheler, R., see Wagner, G. 193 (2001) 515



- Muttoni, G., see Brack, P. 193 (2001) 253
- Nägler, T., see Guillot, S. 193 (2001) 115
- Nehlig, P., see Galdeano, A. 193 (2001) 25
- Nohda, S., see Hanyu, T. 193 (2001) 83
- Nostro, C., see Piersanti, A. 193 (2001) 13
- Nuccio, P.M. and Paonita, A., Magmatic degassing of multicomponent vapors and assessment of magma depth: application to Vulcano Island (Italy) 193 (2001) 467
- O'Connell, T.C., see Jones, A.M. 193 (2001) 143
- Ogilvie, S.R. and Glover, P.W.J., The petrophysical properties of deformation bands in relation to their microstructure 193 (2001) 129
- Ohta, Y., see Hidaka, H. 193 (2001) 459
- Ohtani, E. and Maeda, M., Density of basaltic melt at high pressure and stability of the melt at the base of the lower mantle 193 (2001) 69
- Okada, M., see Yang, Z. 193 (2001) 303
- Okamura, K., see Gamo, T. 193 (2001) 371
- Okudaira, T., see Gamo, T. 193 (2001) 371
- Otofuji, Y.-i., see Yokoyama, M. 193 (2001) 273
- Pälike, H., Shackleton, N.J. and Röhl, U., Astronomical forcing in Late Eocene marine sediments 193 (2001) 589
- Pande, K., Sheth, H.C. and Bhutani, R.,  $^{40}\text{Ar}$ – $^{39}\text{Ar}$  age of the St. Mary's Islands volcanics, southern India: record of India–Madagascar break-up on the Indian subcontinent 193 (2001) 39
- Paonita, A., see Nuccio, P.M. 193 (2001) 467
- Peacor, D.R., see Jiang, W.-T. 193 (2001) 1
- Pelletier, B., Lagabrielle, Y., Benoit, M., Cabioch, G., Calmant, S., Garel, E. and Guivel, C., Newly identified segments of the Pacific–Australia plate boundary along the North Fiji transform zone 193 (2001) 347
- Perdomo, R., see Klotz, J. 193 (2001) 437
- Petersen, S., see Dählmann, A. 193 (2001) 381
- Petersen, S., see Klinkhammer, G.P. 193 (2001) 395
- Petford, N. and Gallagher, K., Partial melting of mafic (amphibolitic) lower crust by periodic influx of basaltic magma 193 (2001) 483
- Piersanti, A., Nostro, C. and Riguzzi, F., Active displacement field in the Suez–Sinai area: the role of postseismic deformation 193 (2001) 13
- Porcelli, D., Woolum, D. and Cassen, P., Deep Earth rare gases: initial inventories, capture from the solar nebula, and losses during Moon formation 193 (2001) 237
- Pringle, M.S., see Chambers, L.M. 193 (2001) 333
- Putlitz, B., Katzir, Y., Matthews, A. and Valley, J.W., Oceanic and orogenic fluid–rock interaction in  $^{18}\text{O}/^{16}\text{O}$ -enriched metagabbros of an ophiolite (Tinos, Cyclades) 193 (2001) 99
- Reigber, C., see Klotz, J. 193 (2001) 437
- Renne, P.R., Sharp, W.D., Montañez, I.P., Becker, T.A. and Zierenberg, R.A.,  $^{40}\text{Ar}/^{39}\text{Ar}$  dating of Late Permian evaporites, southeastern New Mexico, USA 193 (2001) 539
- Richet, P., see Bourgue, E. 193 (2001) 57
- Rieber, H., see Brack, P. 193 (2001) 253
- Riedel, C., Schmidt, M., Botz, R. and Theilen, F., The Grimsey hydrothermal field offshore North Iceland: crustal structure, faulting and related gas venting 193 (2001) 409
- Riguzzi, F., see Piersanti, A. 193 (2001) 13
- Roberts, A.P., see Jiang, W.-T. 193 (2001) 1
- Röhl, U., see Pälike, H. 193 (2001) 589
- Sahling, H., see Dählmann, A. 193 (2001) 381
- Sahling, H., see Klinkhammer, G.P. 193 (2001) 395
- Sano, Y., see Gamo, T. 193 (2001) 371
- Sarthou, G., see Dählmann, A. 193 (2001) 381
- Sarthou, G., see Klinkhammer, G.P. 193 (2001) 395
- Schmidt, M., see Riedel, C. 193 (2001) 409
- Scott, K., see Jones, A.M. 193 (2001) 143

- Shackleton, N.J., see Pälike, H. 193 (2001) 589
- Sharp, W.D., see Renne, P.R. 193 (2001) 539
- Sheth, H.C., see Pande, K. 193 (2001) 39
- Shieh, S.R., see Li, J. 193 (2001) 509
- Shinjo, R., see Gamo, T. 193 (2001) 371
- Smith, F., see Klinkhammer, G.P. 193 (2001) 395
- Synal, H.-A., see Wagner, G. 193 (2001) 515
- 
- Theilen, F., see Riedel, C. 193 (2001) 409
- Törnqvist, T.E., see Wallinga, J. 193 (2001) 617
- Tsuchida, S., see Gamo, T. 193 (2001) 371
- Tsunogai, U., see Gamo, T. 193 (2001) 371
- Turner, S., see Vigier, N. 193 (2001) 549
- 
- Uto, K., see Hanyu, T. 193 (2001) 83
- 
- Valet, J.-P., see Elmaleh, A. 193 (2001) 315
- Valley, J.W., see Putlitz, B. 193 (2001) 99
- van Beusekom, J., see Haeckel, M. 193 (2001) 151
- van Oorschot, I.H.M., Grygar, T. and Dekkers, M.J., Detection of low concentrations of fine-grained iron oxides by voltammetry of microparticles 193 (2001) 631
- Vigier, N., Bourdon, B., Turner, S. and Allègre, C.J., Erosion timescales derived from U-decay series measurements in rivers 193 (2001) 549
- 
- Wagner, G., Laj, C., Beer, J., Kissel, C., Muscheler, R., Masarik, J. and Synal, H.-A., Reconstruction of the paleoaccumulation rate of central Greenland during the last 75 kyr using the cosmogenic radionuclides <sup>36</sup>Cl and <sup>10</sup>Be and geomagnetic field intensity data 193 (2001) 515
- Wallinga, J., Murray, A.S., Duller, G.A.T. and Törnqvist, T.E., Testing optically stimulated luminescence dating of sand-sized quartz and feldspar from fluvial deposits 193 (2001) 617
- Wallmann, K., see Dählmann, A. 193 (2001) 381
- Wiesner, M.G., see Haeckel, M. 193 (2001) 151
- Williams, T., see Yang, Z. 193 (2001) 303
- Wilson, C., see Klinkhammer, G.P. 193 (2001) 395
- Wilson, S.D.R., see Blower, J.D. 193 (2001) 47
- Woolum, D., see Porcelli, D. 193 (2001) 237
- Worm, H.-U., Magnetic stability of oceanic gabbros from ODP Hole 735B 193 (2001) 287
- Wright, I.C., see de Ronde, C.E.J. 193 (2001) 359
- 
- Yamanaka, T., see Gamo, T. 193 (2001) 371
- Yang, Z., Clement, B.M., Acton, G.D., Lund, S.P., Okada, M. and Williams, T., Records of the Cobb Mountain Subchron from the Bermuda Rise (ODP LEG 172 193 (2001) 303
- Yokoyama, M., Liu, Y., Halim, N. and Otofujii, Y.-i., Paleomagnetic study of Upper Jurassic rocks from the Sichuan basin: tectonic aspects for the collision between the Yangtze Block and the North China Block 193 (2001) 273
- Yokoyama, Y., Esat, T.M. and Lambeck, K., Coupled climate and sea-level changes deduced from Huon Peninsula coral terraces of the last ice age 193 (2001) 579
- Yoneda, S., see Hidaka, H. 193 (2001) 459
- Young, E.D., see Jones, A.M. 193 (2001) 143
- 
- Zierenberg, R.A., see Renne, P.R. 193 (2001) 539
- Zreda, M., see Desilets, D. 193 (2001) 213

